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SHARE
IT

62.09

E. J. BOWEN'S

TRADE LIST

..OF..

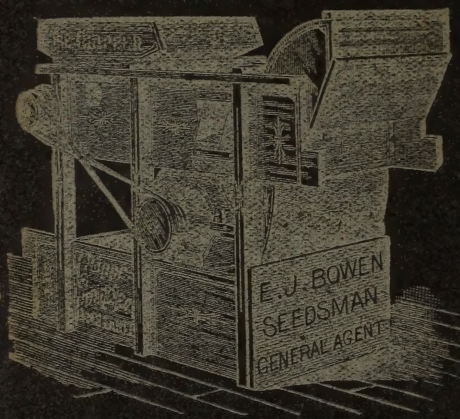
SEEDS IN BULK

1903

SAN FRANCISCO, CAL.

...THE CLIPPER...
GRAIN AND SEED CLEANERS

FAR IN ADVANCE OF ALL OTHERS



SIMPLE DURABLE ...AND... EASY-RUNNING

CAPACITY **Market Wheat, 40 Bushels per Hour**
Clover Seed, 12 Bushels per Hour

This Cleaner is adaptable for cleaning all kinds of grain or seeds, such as wheat, oats, corn, barley, rye, buckwheat, alfalfa, timothy, clover, flax, and all other seeds or grain, and is suitable for farm or general use.

The Clipper is especially adapted for making effectual separation of wild oats, cheat, cockle, and all foreign seed from wheat and oats, as well as cleaning the perfect seed.

Other manufactures depend entirely upon screens for this work, and with unsatisfactory results. **The Clipper,** however, screens all straw and foreign matter from the grain before it enters the air shaft, and our **"Vertical Blast" does the rest.** Our screens are so arranged as to be in plain view and of easy access to the operator while the machine is in operation.

E. J. BOWEN
GENERAL AGENT

TRADE LIST

..OF..

SEEDS IN BULK

E. J. BOWEN

WHOLESALE SEED MERCHANT

815-817 SANSOME STREET

SAN FRANCISCO, CAL.

BRANCHES AT
PORTLAND
AND SEATTLE

Press of E. J. BOWEN

Charleston or Large Wakefield Cabbage.

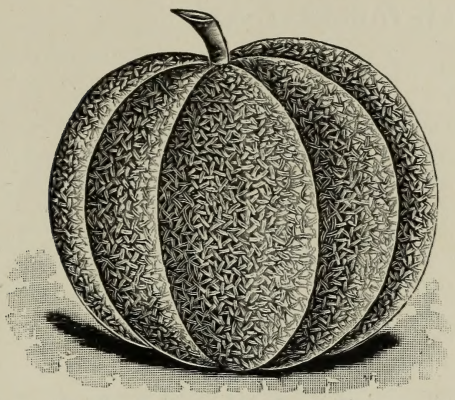
TRADE ANNOUNCEMENT

Prices herein given will be adhered to as nearly as possible during the season; but it must be understood that I am not bound by them for any definite time or quantity, and that they are subject to advance without notice.

In case there should be a reduction in any article from prices herein given, my customers will receive the benefit of such reduced price, notwithstanding the prices named in this list.

Buyers of small amounts of cheap articles, or of quantities of less than a pound of any one kind, must expect to pay a small advance on these prices.

I beg once more to call the attention of dealers to the fact that my goods are the best of the kind that can be procured, and request my customers not to confound them with the various cheap articles often found in this market. Notwithstanding this, however, I, in common with all large dealers of character and standing, do not warrant my seeds in any particular whatever. If the purchaser does not accept them on these terms, they must be returned at once.



Early Hackensack Musk-Melon

VALUABLE TABLES

Quantity of Seed Required to Sow an Acre of Ground.

	Lbs to the Acre.
Alfalfa, or Lucerne	25 to 30
Barley—Broadcast	125 to 130
Beans, Dwarf or Bush—Hills	50
Beans, Dwarf or Bush—Drills	60
Beans, Tall or Pole—Hills	35
Beet, Garden—Drills	10
Beet, Field—Drills	8 to 10
Broom Corn—Drills	12
Buckwheat—Broadcast	45
Cabbage, in beds to cover an acre after transplanting	¼
Carrot—Drills	4
Clover, Red—Broadcast	12 to 15
Clover, White—Broadcast	8 to 10
Clover, Alsike—Broadcast	6 to 8
Corn, Sweet or Field—Hills	15
Corn, to cut green for fodder—Drills or broadcast	125
Cucumber—Hills	2
Flax, when wanted for seed	30
Flax, when wanted for fiber	50
Grass, Kentucky Blue, for pasture	30 to 50

VALUABLE TABLES—*Continued.*

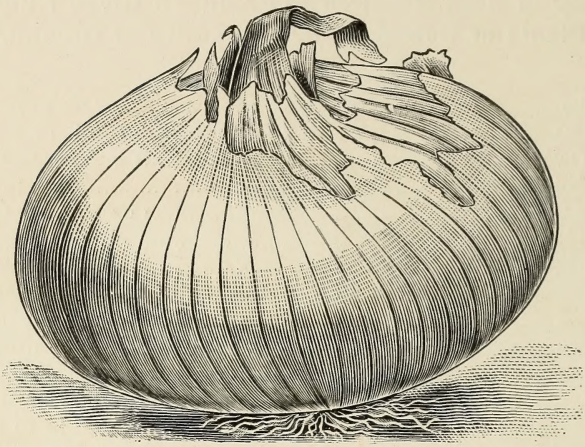
	Lbs. to the Acre.
Grass, Kentucky Blue, for lawns	100 to 125
Grass, Orchard	40
Grass, English or Australian Rye, for meadows	50
Grass, English or Australian Rye, for lawns	75 to 100
Grass, Italian Rye	50
Grass, Red Top	30
Grass, Timothy	20
Grass, Meadow Fescue, or English Blue	35
Grass, Mesquite, in the chaff	35
Grass, Hungarian	30 to 40
Grass, Millet	30 to 40
Grass, Millet, for seed	15
Grass, Mixed Lawn	60 to 65

A much larger quantity of Seed is required to make a fine Lawn than for other purposes.

Grass, Mixture for mowing or grazing	Clover 8 Timothy 15 Red Top 15
Hemp—Broadcast	40 to 50
Melon, Water—Hills	2 to 3
Melon, Musk—Hills	2 to 2½
Oats—Broadcast	80 to 90
Onion, Black Seed—Drills	5 to 6
Onion, Bottom Sets—Drills	250
Onion, Black Seed, for Bottom Sets	40 to 60
Parsnip—Drills	6 to 7
Peas—Drills	100
Peas—Broadcast	150
Potatoes—Hills	500
Pumpkins—Hills	5 to 6
Radish—Drills	8 to 10
Rye—Broadcast	100
Sage—Drills	8
Spinage—Drills	10
Squash, bush varieties—Hills	4
Squash, running varieties—Hills	3
Sugar Cane, if for sugar	6 to 10
Sugar Cane, if for fodder	70 to 80
Tomato, in beds to transplant	⅛ to ¼
Turnip and Ruta-baga—Drills	1½ to 2
Turnip and Ruta-baga—Broadcast	3
Vetches—Broadcast	150
Wheat—Broadcast	80 to 100
Wheat—Drills	75 to 80

Quantity of Seed Required to Produce a Given Number of Plants or Sow a Certain Quantity of Ground.

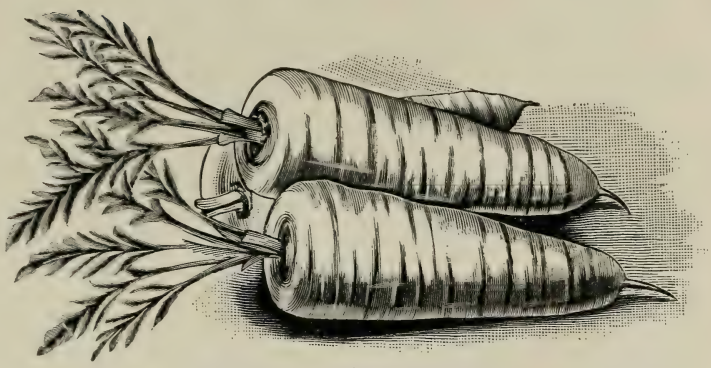
Artichoke	1 oz. to 500 plants
Asparagus	1 oz. to 60 feet of drill, or 500 plants
Beans, Dwarf	1 lb. to 50 feet of drill
Beans, Pole	1 lb. to 75 hills
Beet	1 oz. to 50 feet of drill
Broccoli	1 oz. to 2,000 plants
Brussels Sprouts	1 oz to 2,000 plants
Cabbage	1 oz. to 2,500 plants
Carrot	1 oz. to 200 feet of drill
Cauliflower	1 oz. to 2,500 plants
Celery	1 oz. to 5,000 plants
Chicory	1 oz. to 100 feet of drill
Corn	1 lb. to 150 hills
Cress	1 oz. to 100 feet of drill
Cucumber	1 oz to 75 hills
Egg Plant	1 oz. to 1,500 plants
Endive	1 oz. to 200 feet of drill, or 3,000 plants
Kale	1 oz. to 2,000 plants
Kohl Rabi	1 oz. to 2,000 plants
Leek	1 oz. to 200 feet of drill
Lettuce	1 oz. to 300 feet of drill
Melon, Water	1 oz. to 30 hills
Melon, Musk	1 oz. to 75 hills
Okra	1 oz. to 50 feet of drill
Onion Seed	1 oz. to 150 feet of drill
Onion, Bottom Sets	1 lb. to 20 feet of drill
Parsnip	1 oz. to 200 feet of drill
Parsley	1 oz. to 200 feet of drill
Peas	1 lb. to 50 feet of drill
Pepper	1 oz. to 1,500 plants
Pumpkin	1 oz. to 40 hills
Radish	1 oz. to 100 feet of drill
Salsify	1 oz. to 60 feet of drill
Sage	1 oz. to 200 feet of drill
Spinage	1 oz. to 100 feet of drill
Squash, Early	1 oz. to 50 hills
Squash, Winter	1 oz. to 15 hills
Tomato	1 oz. to 4,000 plants
Tobacco	1 oz. to 10,000 plants
Turnips	1 oz. to 250 feet of drill



Yellow Danvers Onion

Table Showing the Number of Plants or Trees to the Acre at Given Distances.

Distance apart each way.	*Number of Plants.*
½ foot	174,240
1 "	43,560
1½ "	19,360
2 "	10,890
2½ "	6,969
3 "	4,840
4 "	2,722
5 "	1,742
6 "	1,210
7 "	889
8 "	680
9 "	537
10 "	435
11 "	360
12 "	302
15 "	193
18 "	134
20 "	108
25 "	69
30 "	49



Chantenay Half-Long Carrot.

E. J. BOWEN'S

TRADE LIST

—OF—

SEEDS IN BULK

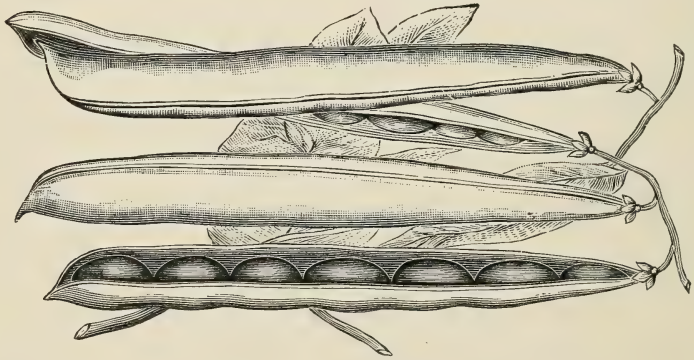
Prices subject to advance without notice.

For greater convenience in ordering by telegraph, I have attached a Cipher Word to each article, which will enable my customers to order in this way at comparatively little expense.

"Freight Hundred Lahet" *means "Ship us by first FREIGHT 100 pounds of Early Red Valentine Beans."*

"Express Fifty Leont" *means "Send us by first EXPRESS 50 pounds of Improved Mammoth Long Red Mangel Wurzel Beet."*

	Tel. Word.	Per lb.	100 lbs.
ARTICHOKE			
Large Green Globe (¼ lb. 75c)	Labran	$2 50	.....
ASPARAGUS			
Colossal	Labuda	35	.....
Palmetto	Lacey	40	.....
Columbian Mammoth White	Lachnie	40	.....
BEANS—Dwarf or Bush			
GREEN PODDED VARIETIES			
Early China Red Eye	Lacon	06	$ 5 00
Extra Early Red Valentine, Improved Round Pod	Lahet	07	6 00
Early Mohawk	Lake	07	6 00
Early Long Yellow Six Weeks	Lamyr	07	6 00
Early Round Yellow Six Weeks Improved Round Pod	Lamb	07	6 00
Extra Early Refugee	Lambert	07	6 00
Refugee, or Thousand to One	Lambton	06	5 00
Stringless Green Pod	Laramie	07	6 00
Broad Windsor or Horse Beans	Lament	05	4 00
Henderson's Bush Lima	Larboard	09	8 00
Dwarf Large White Lima	Larnex	11	10 00
WAX, or YELLOW-PODDED VARIETIES			
Extra Early Challenge Black Wax	Lancet	08	7 00
Grenell Rust Proof, or Improved Golden Wax	Lane	08	7 00
Golden Wax	Lanem	08	7 00



Prolific Black German Wax

Prolific Black German Wax	Lansford	$0 08	$ 7 00
Keeney's Rustless Golden Wax	Lonoke	08	7 00
Rust-Proof, or Detroit Wax	Langtry	08	7 00

BEANS—*Continued*	Tel. Word	Per lb.	100 lbs.
Davis Wax	Keene	08	7 00
German Wax, White-Seeded	Lansing	08	7 00
Wardwell's Kidney Wax	Laona	08	7 00
BEANS--Pole or Running			
White Crease Back	Laros	08	7 00
Southern Prolific	Larne	08	7 00
Indian Chief, or Tall Black Wax	Lava	08	7 00
Kentucky Wonder or Old Homestead	Lavelle	08	7 00
Dutch Case Knife	Latium	08	7 00
London Horticultural, or Speckled Cranberry	Lavonia	08	.....
BEANS--Pole or Running Limas			
Large White Lima	Lawn	09	8 00
King of the Garden Lima	Lawyer	09	8 00
Small White Lima, Carolina or Sieva.	Karnac	09	8 00
BEET--Table Varieties			
Extra Early Eclipse Blood Turnip	Lebanon	30	.....
Extra Early Egyptian Blood Turnip	Lee	30	.....
Early Bassano Blood Turnip	Leeds	30	.....
Early Blood-red Turnip	Leighton	30	.....
Crosby's Extra Early Egyptian Blood Turnip	Leland	30	.....
Edmand's Early Blood Turnip	Lelia	30	.....
Dark Red Turnip	Hager	30	.....
Half-Long Blood	Lemar	30	.....
Long Smooth Dark Blood	Lemon	25	.....
SWISS CHARD, SILVER or SEA KALE BEET	Lisbon	30	.....
MANGEL WURZEL, for Stock Feeding			
Improved Mammoth Long Red	Leont	15	13 00
Yellow Globe	Liberty	15	13 00
Large Yellow Ovoid	Limerick	15	13 00
Golden Tankard	Lime	15	14 00
Giant Yellow Intermediate, or Gate Post	Life	15	13 00
SUGAR BEETS, for Stock Feeding			
French White Sugar, Red Top	Lincoln	15	13 00
Lane's Imperial Sugar	Linden	15	13 00
SUGAR BEETS, for Sugar Making			
Vilmorin's Improved White Sugar	Light	16	14 00
Klein Wanzleben	Linda	16	14 00

BROCCOLI

	Tel. Word.	Per lb.	100 lbs.
Early Large White French, ¼ lb. 65c	Lisgar	$2 25	.....

BRUSSELS SPROUTS

Dwarf Improved	Lisle	1 00	.....

CABBAGE

FIRST EARLY VARIETIES

Extra Early Express	Lisor	1 25	.....
Charleston or Large Wakefield	Acker	1 50	.....
Early Jersey Wakefield	Little	1 25	.....
Early Spring	Littleport	2 00	.....
Early York	Livam	1 00	.....
Early Large York	Liscomb	1 00	.....
Very Early Etampes	Loue	1 00	.....

SECOND EARLY OR SUMMER VARIETIES

Henderson's Early Summer	Lyric	1 25	.....
Early Dwarf Flat Dutch	Locke	1 25	.....
Early St. John's Day	Look	1 25	.....
Early Drumhead	Lodar	1 25	.....
All Seasons	Logan	1 25	.....
Succession	Abdal	1 25	.....
All Head Ealry	Lumby	1 25	.....
Early Winnigstadt	Lombard	1 00	.....
Fottler's Early Drumhead, or Brunswick Short Stem	Lomax	1 25	.....

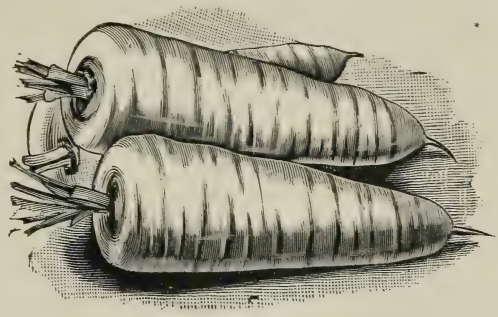
LATE VARIETIES

Surehead	Lordly	1 25	.....
Stone Mason Warren Strain	Lomira	1 25	.....
Danish Ball-Head, or Hollander	Lomo	1 25	.....
Marblehead Mammoth Drumhead	Louisa	1 25	.....
Large Late Flat Dutch	Lorin	1 00	.....
Premium Late Flat Dutch	Lone	1 25	.....
Premium Drumhead	Lostan	1 25	.....
Red Dutch	Low	1 50	.....
Early Dwarf Savoy	Lovett	1 25	.....
Drumhead Savoy	Lovillam	1 25	.....

CARROT—*25 lbs. at the 100 pound price.*

Early French Horn, for forcing	Loud	55	.....
Early Scarlet Horn	Lubin	45	.....
Ox Heart, or Guerande	Lucan	45	$40 00

CARROT—*Continued.*	Tel. Word.	Per lb.	100 lbs.
Danvers Orange Half-Long	Ludlow	$0 40	$35 00
Early Half-Long Scarlet, Stump-rooted	Lucknow	40	35 00
Chantenay, Half-Long Stump	Luff	40	35 00



Danvers Orange Half-Long

Finest Long Orange	Lumber	35	30 00
Large White Belgian	Luray	25	22 00
Short Thick White	Luck	30	25 00
Short White Vosges	Leroy	30	25 00

CAULIFLOWER	Tel. Word.	Per oz.	Per ¼ lb.	Per lb.
Early Snowball True	Lycoming	$1 15	$3 75	$14 00
Extra Early Dwarf Erfurt	Lute	85	2 75	10 00
Early London	Lynn	25	75	2 75
Early Paris	Macdale	40	1 25	4 00
Early Favorite	Macomb	50	1 50	5 50
Lenormand's Short Stem	Macy	50	1 50	5 00
Large Algiers	Mack	60	1 75	6 00

CELERY	Tel. Word.	Per lb.	Per 100
Giant Pascal	Madison	$0 75	.....
Golden Hearted Dwarf	Madoc	1 00	.....
Large White Solid	Magnolia	75	.....
Half Dwarf	Mahoney	1 00	.....
Hartwell's Perfection	Maiden	1 00	.....
Dwarf White Solid	Maitland	75	.....
Golden Self-blanching	Mahwah	1 75	.....
White Plume	Magog	1 00	.....
Evans' Triumph	Malga	1 00	.....
Celery Seed, for flavoring (100 lbs. write for price)	Malden	15	.....

CELERIAC, OR TURNIP-ROOTED CELERY

	Tel. Word.	Per lb.	100 lbs.
Large, Smooth Prague	Malone	$1 00	.....

CHERVIL, Curled

	Malaga	75	.....

CHICORY

Large Rooted, or Coffee	Malvern	60	$50 00

Chicory for Salad—*See Endive.*

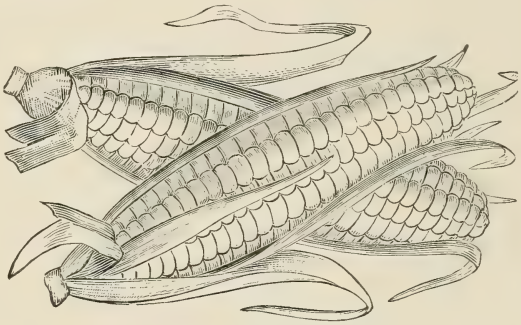
COLLARDS

True Georgia, or Southern	Manila	60	.....

CORN

SWEET OR SUGAR VARIETIES

Early White Cob Cory	Manim	06	5 00
Early Minnesota	Manitou	06	5 00
Early Evergreen	Jam	07	6 00



Early Evergreen

Early Sweet or Sugar	Manville	06	5 00
Early Pee & Kay	Manning	06	5 00
Mammoth White Cob Cory	Manlius	07	6 00
Crosby's Early	Manly	06	5 00
Moore's Early Concord	Manor	06	5 00
Black Mexican	Mankato	07	6 00
Perry's Hybrid	Maory	06	5 00
Early Mammoth	Marathon	06	5 00
Hickox	Marble	06	5 00
Late Mammoth	Jenks	06	5 00
Stowell's Evergreen	Maryland	06	5 00
Country Gentleman	Medora	06	5 00
Common Sweet, for fodder (write for price)	Medfume	.....	.....

FIELD VARIETIES

Extra Early Adams, for table and field	Mears	06	5 00
Early Red Blazed, or King Phillip	Master	05	4 00
Early Canada, or Yellow Flint	Maxwell	05	4 00

CORN (Field Varieties)—*Continued.*

	Tel. Word.	Per lb.	100 lbs.
Early White Flint	Maybee	$0 05	$4 00
Improved Leaming, Yellow Dent	Meach	05	3 50
Pride of the North, Yellow Dent	Mead	05	3 50
Champion White Pearl, Large Dent	Mecosta	05	3 00
Popcorn, Rice, for popping. Price on application	Medrate	.....	

BROOM CORN

Improved Evergreen	Melrose	08	6 00

CRESS

Curled, or Peppergrass	Melvin	30	.....
True Water Cress (oz. 20c.)	Memphis	2 75	.....

CUCUMBER (Crop nearly a failure).

Early or Peerless White Spine	Merit	1 25	.....
Extra Long, or Evergreen White Spine	Meriden	1 25	.....
Early Short Green, or Early Frame	Metcalf	1 25	.....
Early Cluster	Mexico	1 25	.....
Boston Pickling, or Green Prolific	Miami	1 25	.....
Cool and Crisp	Mind	1 50	.....
Cumberland	Milroy	1 50	.....
Extra Early Long Green	Joel	1 25	.....
Extra Long Green	Mier	1 25	.....
Small Gherkin	Milan	1 25	.....

DANDELION

Improved Thick Leaved (oz. 45c.)	Koler	.....	.....

EGG PLANT

Early Long Purple (¼ lb., 40c.)	Milford	1 25	.....
Early Round Purple (¼ lb., 55c.)	Mill	1 75	.....
Large New York Purple (oz., 25c.)	Milton	2 25	.....
Black Pekin (¼ lb. 60c.)	Middle	1 75	.....

ENDIVE, or CHICORY SALAD

Green Curled	Mintburn	80	.....
White Curled	Mince	80	.....
Broad Leaved Batavian (scarolle)	Moab	80	.....

KALE, or BORECOLE

Tall Green Curled Scotch	Mobile	60	.....
Dwarf Green Curled, or German Greens	Modesto	65	.....
Dwarf German Purple	Moline	75	.....

KOHL RABI

Early White Vienna	Monica	1 25	.....

LEEK	Tel. Word.	Per lb.	100 lbs.
Large Rouen, or American Flag	Morris	$0 80	.....
Monstrous Carenton	Morton	1 00	.....

LETTUCE—*10 lbs. at the 100-lb. price.*

Early Tennis Ball, Seed Black	Mote	60	$50 00
Big Boston, Seed White	Murry	60	50 00
Early Prize Head, Seed White	Motts	45	40 00
Simpson's Early Curled	Motley	45	40 00
Early Curled Silesia	Mulvane	45	40 00
Black Seeded Simpson's	Munson	45	40 00
Hubbard's Market, Seed White	Moreno	50	45 00
San Francisco Market, Seed Black	Mound	60	50 00
Large Drumhead, Seed White	Muncy	45	40 00
Large Hanson, Seed White	Moscow	45	40 00

Large Hanson

Deacon, Seed White	Mosk	50	45 00
Denver Market, Seed White	Moslem	50	45 00
Large Passion, Seed Black	Moss	60	50 00
Grand Rapids, Seed Black	Motz	60	50 00
White Paris Cos, or Romaine, Seed White	Moulton	50	45 00

MUSK-MELON—Crop nearly a failure. Prices on application.

GREEN-FLESHED VARIETIES

Early Jenny Lind, small	Neches	75	.....
Netted Gem, or Rocky Ford	Hamden	75	.....
Extra Early Hackensack	Natte	75	.....
Hackensack, or Turk's Cap	Naola	75	.....
Large Netted Cantaloupe	Naylor	60	.....
Early Baltimore, or Acme	Natic	75	.....
Large Green Nutmeg	Nettle	75	.....

MUSK-MELON (Green-Fleshed Varieties)—*Continued.*

	Tel. Word.	Per lb.	100 lbs.
Small Green Nutmeg	Nemo	75	.....
Large Montreal	Neola	75	.....
Bay View	Neologian	75	.....
YELLOW-FLESHED VARIETIES			
Surprise	New	75	.....
Early Yellow Cantaloupe	Newman	75	.....
Emerald Gem	Newry	75	.....
Osage, or Miller's Cream	Noise	60	.....
Petosky, or Paul Rose	Noose	75	.....
Long Yellow	Norwalk	75	.....

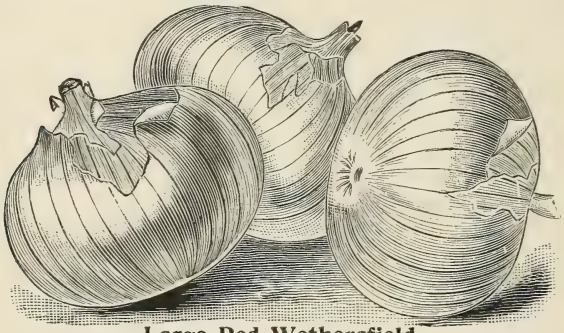
WATER-MELON

Phinney's Early	Novi	30	.....
Mountain Sweet	Nunda	30	.....
Sweetheart	Hamilton	30	.....
Lodi, or San Jouquin	Nutt	.....	.....
Triumph	Nevada	30	.....
Duke Jones	Nelson	30	.....
Ice Cream, or Peerless	Nyack	30	.....
Florida Favorite	Oakland	30	.....
Boss	Obast	25	.....
Kolb's Gem	Oberlin	30	.....
Cuban Queen	Obion	30	.....
Mammoth Ironclad	Object	30	.....
Dixie	Oblet	30	.....
Dark Icing, or Ice Rind	Obligate	30	.....
Light Icing, or Jordan's Gray Monarch	Oblige	30	.....
Pride of Georgia	Obvious	30	.....
Kleckley's Sweets	Obar	30	.....
Black Diamond	Occident	30	.....
Gypsy, or Southern Rattlesnake	Obar	30	.....
Black Spanish	Oblique	30	.....
Early Seminole	Oblivion	30	.....
Citron, for preserving, Red-Seeded	Obscure	40	.....
Citron, or Apple-Pie Melon for preserving, green-seeded	Obsequy	40	.....

MUSHROOM SPAWN

French, 3-lb. boxes. Per box, $1 50. Directions for cultivation in each box	Hamel	.....	.....
English. In 1-lb. bricks	Hammer	18	.....

MUSTARD	Tel. Word	Per lb.	100 lbs.
Yellow California, or White English (100 lbs. market price)	Ocean	$0 15	.....
Southern Giant Curled	Oconee	50	.....
NASTURTIUM			
Tall Varieties, Mixed Colors	Odart	50	.....
OKRA, or GUMBO			
Dwarf Green	Odell	35	.....
White Velvet	Odeon	35	.....
ONION			
Extra Early Red Flat	Odessa	90	80 00
Extra Early Large Red Globe	Odin	65	60 00

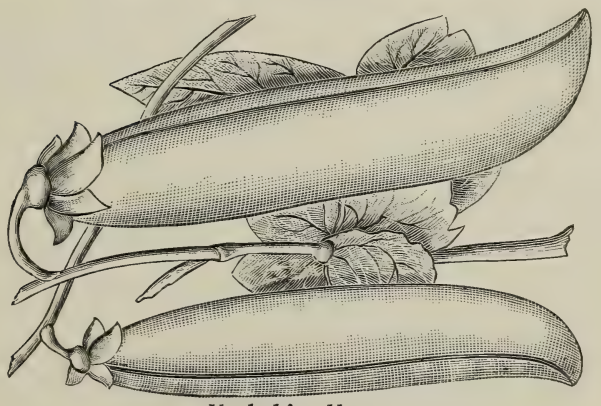


Large Red Wethersfield.

Large Red Wethersfield	Ogden	85	80 00
Yellow Danvers	Ohlton	60	55 00
Yellow Globe Danvers	Okemos	75	70 00
Yellow Dutch, or Strasburg	Olathe	70	65 00
Australian Brown	Olcott	70	65 00
Southport Yellow Globe	Oleane	80	75 00
Michigan Yellow Globe	Hammock	80	75 00
Southport Red Globe	Okay	90	85 00
White Globe	Oleats	1 40	.....
White Portugal, or American Silverskin	Oleaturn	1 40	.....
El Paso, or Large Mexican	Olema	1 25	.....
Mammoth Silver King	Olive	1 40	.....
Prize Taker, or Spanish King	Olmstead	1 00	90 00
Giant White Italian Tripoli	Omena	1 25	.....
Giant Red Italian Tripoli	Omit	65	60 00
Queen, white	Omniferous	1 50	.....
Early Barletta, white	Onalaka	1 50	.....

ONION SETS	Tel. Word.	Per lb.	100 lbs.
Best Yellow—Write for price	Omy	.....	.....
PARSLEY			
Fine Triple-Curled	Onawa	$0 30	.....
Moss-Curled or Fern-Leaved	Onarga	30	.....
PARSNIP			
Long Dutch Sugar	Oneida	25	.....
Hollow Crown	Onslow	25	.....

PEAS



Yorkshire Hero.

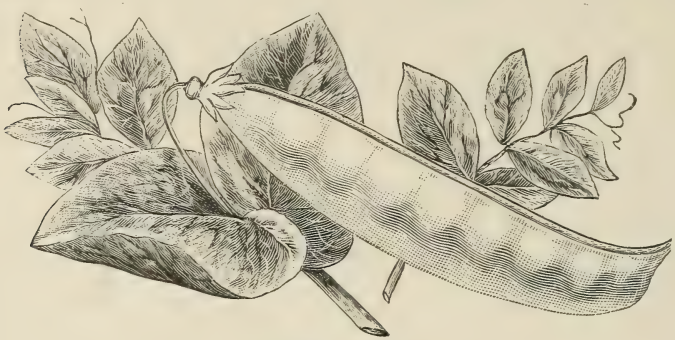
*Peas are very short crop, and prices are liable to advance at any time. Sweet wrinkled varieties are marked thus**

EXTRA EARLY VARIETIES

First and Best	Ontario	06	$5 00
Alaska, or Earliest of All	Orleans	07	6 00
*American Wonder	Ormond	08	.....

PEAS (Extra Early Varieties)—*Continued.*

	Tel. Word.	Per lb.	100 lbs.
*Nott's Excelsior	Henapin	$0 08	.....
*McLean's Little Gem	Oro	08	$7 00
*Gradus	Ornate	12½	.....
*Premium Gem	Oronoco	08	7 00



Premium Gem

SECOND EARLY VARIETIES

*Everbearing	Oroville	06	5 00
*Abundance	Orwell	07	.....
*McLean's Advancer	Orst	07	.....
*Horsford's Market Garden	Henley	07	.....
*Telephone	Osav	07	6 00

GENERAL CROP, LATE VARIETIES

*Yorkshire Hero	Osakis	05	4 00
*Champion of England	Osborn	06	5 00
*Stratagem—selected strain—large pods	Henry	07	6 00
Large White Marrowfat	Oshkosh	06	5 00
Black-Eyed Marrowfat	Oswego	06	5 00
Edible Pods, Tall Sugar, Brown Seeded	Otto	10	.....

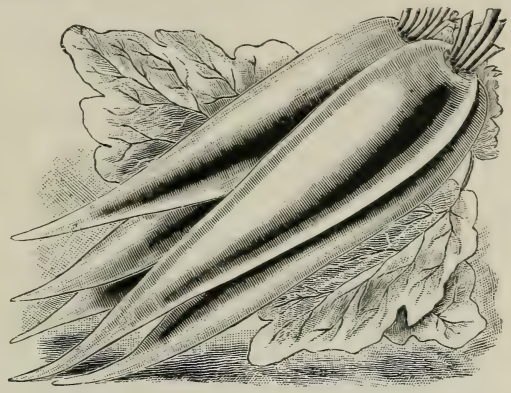
PEPPER

Squash, or Tomato-shaped	Pacific	1 50	.....
Large Bell, or Bull Nose	Page	1 50	.....
Sweet Spanish, or Mountain	Palmer	1 50	.....
Long Large Red	Paltry	2 00	.....
Long Red Cayenne, Narrow	Palo	1 50	.....
Chili, small, for pepper sauce	Panora	1 75	.....
Red Cherry, small round	Paris	1 50	.....
Ruby King	Parish	1 50	.....

PUMPKIN

Large Yellow, or Connecticut Field	Park	15	.....
Large Swett Cheese	Parma	30	25 00

RADISH	Tel. Word	Per lb.	100 lbs.
Wood's Early Frame	Ovid	$0 30	$25 00
Long, Brightest Scarlet, White Tipped	Patoka	35	30 00
Early Olive-shaped, or Half-Long Scarlet	Paton	35	30 00
Early Long Scarlet	Patis	30	25 00



Early Long Scarlet Radish.

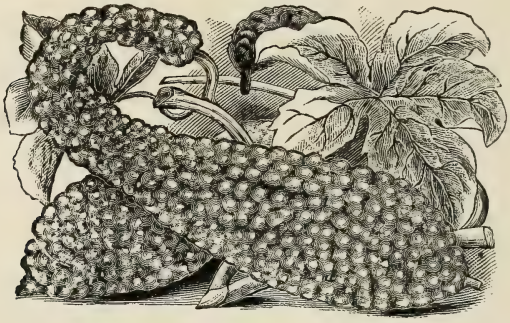
Half-Long Deep Scarlet	Paury	35	.....
French Breakfast, or Half-Long Scarlet, White Tipped	Paw	35	30 00
Non Plus Ultra, or Early Round Deep Scarlet Forcing	Par	35	.....
Early Scarlet Turnip-Rooted	Paxton	30	25 00
Early Scarlet Turnip, White Tipped	Payne	35	30 00
Early White Turnip Rooted	Pekin	35	.....
Scarlet Chartier, White Tipped	Pella	30	.....
White Strasburg	Penyrn	35	.....
Long White Vienna, or Lady Finger	Penton	35	.....
FALL OR WINTER VARIETIES			
Long Black Spanish	Pelham	35	.....
Round Black Spanish	Pelt	35	.....
Mammoth California, or White China Winter	Pen	50	.....
Scarlet China, Winter	Penny	50	.....
RAPE—Dwarf Essex, for sowing	Penlo	10	8 00
RHUBARB, or PIE PLANT	Penola	90	.....
SALSIFY, or VEGETABLE OYSTER			
Large White	Peru	75	.....
Mammoth Sandwich Island	Pesk	85	.....

SPINAGE	Tel. Word.	Per lb.	100 lbs.
Large Prickly Seeded	Peter	$0 15	$11 00
Round Summer	Phelps	15	11 00
Improved Thick-Leaved	Philip	15	11 00
Savoy Leaved	Picton.	15	11 00
Long Standing	Pierce	15	12 00
Victoria, very large	Pierson	15	12 00

SQUASH

SUMMER VARIETIES

Early White Bush Scallop	Pilot	45	.....
Mammoth Bush Scallop	Pilser	45	.....
Summer Crookneck	Pimento	45	.....
Mammoth Summer Crookneck	Pina	45	.....



Mammoth Summer Crookneck.

LATE VARIETIES

Boston Marrow	Plum	55	.....
Hubbard	Poget	75	.....
Golden Hubbard	Point	65	.....
Mammoth Chili (crops failed)	Pokagon	.....	.....
Field Marrow, for stock feeding (100 lbs., write for price)	Polk	15	.....

SUGAR CANE, or SORGHUM

Early Amber	Poleet	07	4 50
Early Orange	Pollard	07	4 50

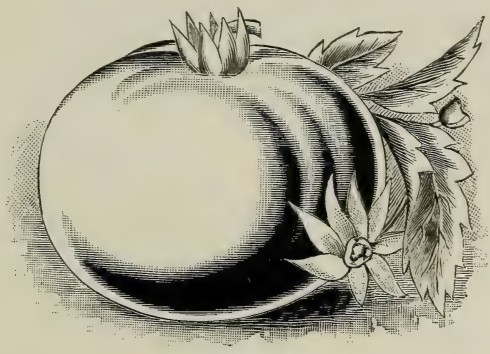
SUNFLOWER

Mammoth Russian	Polo	08	6 00

TOBACCO

Connecticut Seed Leaf	Pomeroy	1 50	.....
Havana	Pompton	3 00	.....

TOMATO	Tel. Word	Per lb.	100 lbs.
Atlantic Prize, Extra Early	Porica	$1 75	.....
Early Michigan	Poco	1 75	.....
Acme	Pontiac	1 50	.....
Perfection	Popular	1 50	.....
Dwarf Aristocrat	Porcupine	2 50	.....
Favorite	Port	1 50	.....
Royal Red	Piper	1 50	.....



Trophy

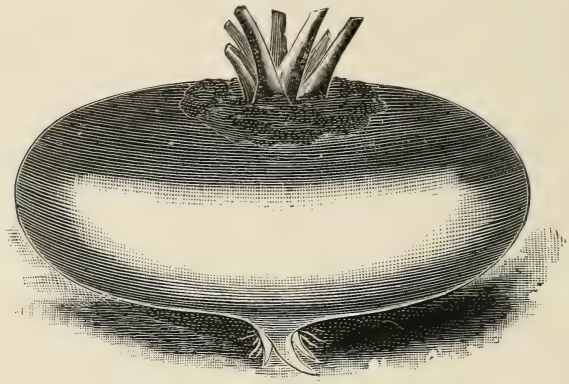
Honor Bright	Plano	2 00	.....
Beauty	Poso	1 50	.....
Trophy	Prairie	1 50	.....
Optimus	Prales	1 50	.....
Dwarf Champion, or Tree Tomato	Prawn	2 50	.....
Stone	Praise	1 50	.....
Golden Queen	Prescott	2 00	.....
Red Pear-Shaped	Prewitt	2 00	.....
Yellow Plum	Price	2 00	.....
Red Cherry	Pride	2 00	.....
Husk Tomato, or Ground Cherry	Priest	2 00	.....

TURNIP WHITE-FLESHED VARIETIES

Extra Early White Milan	Primm	50	.....
Extra Early Purple-Top Milan	Progue	50	.....
Early White Flat Dutch, Strap-Leaved	Prospect	30	.....
Early Purple-Top Strap-Leaved	Pryor	30	.....
White Egg	Pueblo	35	.....
Purple-Top White Globe	Pulaski	30	.....
Large White Norfork	Pullman	25	.....
Pomeranean White Globe	Pultney	25	.....
Cow Horn, or Long White	Purvis	40	.....

TURNIP (White-Fleshed Varieties)—*Continued.*

	Tel. Word.	Per lb.	100 lbs.
Seven Top, for greens	Pnlver	$0 25	.....
Sweet German	Pratt	30	.....



Early Purple, or Red-Top Strap Leaved

YELLOW-FLESHED VARIETIES

Yellow Stone, or Yellow Globe	Pusac	30	.....
Orange Jelly, or Robertson's Golden Ball	Quebec	30	.....
Large Amber Globe	Queen	30	.....
Purple Top Yellow Aberdeen	Quit	30	.....

RUTA BAGA or SWEDES

Purple-Top Swede, or Yelow Ruta Baga	Quoit	25	.....
Champion Purple-Top	Rasine	25	.....
Skirving's Purple-Top	Random	25	.....
Laing's Purple-Top	Rage	25	.....
Bangholm	Ralph	25	.....
Monarch, or Tankard	Raleigh	25	.....
Sweet Russian, or White Ruta Baga	Ralston	30	.....

AROMATIC, MEDICINAL and POT HERBS

	Tel. Word.	Per lb.	Per oz.
Anise	Ramer	$0 75	$0 15
Balm	Ramsey	1 50	20
Basil	Randall	1 00	15
Catnip	Ranor	.....	35
Dill	Raven	50	10
Fennel, Sweet	Rawson	60	10
Hyssop	Reading	1 00	15
Lavender	Red	1 25	20

HERBS—*Continued.*

	Tel. Word.	Per lb.	Per oz.
Marjoram, Sweet	Reno	$1 00	$0 15
Rosemary	Renton	.....	25
Rue	Resaca	1 25	20
Sage	Rhine	1 00	15
Savory, Summer	Rice	75	10
Sorrel, French	Ridge	1 00	15
Thyme, French	Ridott	1 50	20

CLOVER SEEDS—*Prices subject to change with the market.*

	Tel. Word.	Per lb.	100 lbs.
Alfalfa. Lowest market price. Write or wire for quotations	Saginaw	.....	.....
Red Clover	Samaria	$0 15	$14 00
Mammoth Red Clover	Sand	16	15 00
White Clover, choice	Sanders	28	25 00
Alsike or Swedish Clover	Sellers	20	18 00

GRASS SEEDS—*Prices subject to change.*

Timothy	Selma	08	6 50
Orchard Grass	Shane	20	17 00
Red Top, in chaff	Sheldon	10	6 50
Red Top, solid seed, fancy clean. Free from Chaff	Shellbark	20	13 00
Kentucky Blue Grass Fancy Clean	Simon	16	14 00
Australian Rye Grass	State	10	7 50
English Perennial Rye Grass	Slocom	10	7 50
Italian Rye Grass	Smart	10	7 50
Mesquite, or Velvet Grass	Smick	.....	8 00
Millet, Common	Smudge	06	5 00
Millet, German or Golden	Snow	07	6 50
Meadow Fescue, or English Blue Grass—*Festuca Pratensis*	South	18	16 00
Hard Fescue—*Festuca Diriuscula*	Spadra	17	15 00
Fine-Leaved Fescue—*Festuca Tenuifolia*	Spring	40	.....
Crested Dogtail—*Cynosurus Cristatus*	Storn	40	.....
Bermuda Grass—*Cynodon Dactylon*	Sturgis	55	45 00
Tall Oat Grass—*Avenor Elatior*	Sugar	25	20 00
Brome Grass—*Bromus Inermis*—for dry lands	Sutton	18	15 00
Lawn Grass, fine mixed	Trenton	15	14 00
Lawn Grass, extra fine mixed	Troy	20	16 00
Mixture for dry lands	Truant	18	16 00

VETCHES

	Tel. Word.	Per lb.	100 lbs.
Spring Vetches	Sloss	$0 07	$5 00
Sand Winter, or Hairy Vetches. Write for price	Sloop	.....	.....

FRUIT TREE SEEDS

Apple Seed	Truce	30	.....
Pear Seed	Trull	1 00	.....

FOREST AND ORNAMENTAL TREE AND HEDGE SEEDS

Blue Gum—*Eucalyptus Globulus*	Trustee	Ask for price.	
Monterey Cypress — *Cupressus Macrocarpa*	Tumult	1 00	.....

BIRD SEED *Prices subject market changes.*

Canary, recleaned	Tustin	06	5 00
Hemp, recleaned	Ulster	05½	5 00
Rape, California	Uniform	04½	3 50
Rape, Imported	Unit	06	5 00
Rape, Dwarf Essex, for sowing. (See under letter "R."			
Mixed Bird Seed, loose	Upton	05½	5 00
Mixed Bird Seed, packed (case of 40 1-lb. boxes)	Urania	05½	.....
Mixed Bird Seed, packed (case of 60 1 lb. boxes)	Ure	05½	.....

Two or more 60-lb. cases printed with merchant's business and address. No extra charge for printing. Please send your business card for printer's copy.

BIRD GRAVEL

Silver Washed. Case of 2 dozen paper packages. Per case $1.75; per doz., 90c.	Ursa	.....	.....

CUTTLE FISH BONE ..... Utica ..... 30 .....

MISCELLANEOUS—*Market rate or prices on application.*

Buckwheat	Valley	.....	.....
Buckwheat, Silver hulled	Valta	.....	.....
Flaxseed, Whole	Vance	.....	.....
Flaxseed, Ground	Vart	.....	.....
Rye. Market price	Vernon	.....	.....
White Egyptian Corn	Volga	.....	.....
Kaffir Corn	Welton	.....	.....

FLOWER SEEDS

By the pound or ounce. Less than one pound or one ounce of the cheaper kinds will be charged at a higher price than quoted.

	Per oz.	Per lb.
Acroclinum—White	$0 10	$1 00
" Rose	10	1 00
" Mixed	10	1 00
Adonis Autumnalis—Red	15	.....
Ageratum—Mexicanum, Light Blue	15	1 50
" White	30	3 00
Alyssum—Sweet	15	1 50
" Saxatile	20	2 00
Amaranthus Tricolor—Joseph's Coat	15	1 50
Asperula—Fine Mixed	10	60
Aster—Truffaut's Pæony-Flowered Perfection	1 00	10 00
" New Rose, large, very fine	1 25	.....
" Dwarf Bouquet	1 25	.....
" New Victoria	1 00	.....
" Dwarf Chrysanthemum-flowered	80	10 00
" Snow White	1 25	12 00
" Mixed, very choice	75	7 00
Bachelor's Button—*Centaurea Cyanus*—Blue	15	1 00
" " " " Pink	15	1 00
" " " " White	15	1 00
" " " " Mixed	10	75
Balloon Vine	10	75
Balsam—White	40	.....
" Camelia-Flowered, Double, Mixed	40	4 50
" Tall, Double, Mixed	25	2 50
" Dwarf, Double, Mixed	30	3 00
Calliopsis—Extra Mixed	10	75
Canary Bird Flower—*Tropœolum Canariense*	20	2 00
Candytuft—Purple	10	1 00
" White	10	50
" Fine Mixed	10	60
Canna—Mixed, Choice, including dark-leaved	15	1 50
Canterbury Bell—Single, Mixed	15	1 25
" " Double "	50	5 00

FLOWER SEEDS—*Continued.*	Per oz.	Per lb.
Carnation, Choice Double, Mixed	$1 50	.....
" Early Flowering Vienna	1 00	.....
Castor Bean—Sanguineus—Scarlet	10	$0 35
" " Barboniensis Arboreus	15	75
" " Mixed, best varieties	10	40
Catchfly—*Silene Pendula*—Mixed	15	75
Chrysanthemum—Double, White	10	1 00
" Double, Yellow	10	1 00
" Choice Mixed, in great variety	10	60
Cockscomb—Dwarf, Choice Mixed	1 00	.....
Columbine—White	75	.....
" Yellow	1 50	.....
" Mixed	25	.....
Convolvulus—(*See Morning Glory*).		
Cosmos—Choice Mixed	20	2 00
Cypress Vine—White	15	1 25
" " Scarlet	15	1 25
" " Mixed	15	1 25
Dahlia—Double, Fine Mixed	1 25	.....
" Single, " "	40	.....
Daisy—Double, Choice Mixed	2 50	.....
" " White	2 00	.....
Datura—Mixed, Double and Single, Trumpet Flower	20	.....
Dianthus—(*See Carnation Pink and Sweet William*).		
Dolichos—(*See Hyacinth Bean*).		
Eschscholtzia Californicus—California Poppy	15	1 00
" Mixed	15	1 00
Feverfew—*Matricaria Capensis*	20	.....
Forget-Me-Not—*Alpestris*—Blue	40	.....
Four O'Clock—Best Mixed	10	35
Fox Glove—Extra Mixed	20	.....
Godetia—Fine Mixed	15	.....
Globe Amaranth—*Gomphrena*—Purple	15	1 00
" " White	15	1 00
" " Mixed	10	85
Gourds—Mixed, many useful and elegant varieties	10	80
" Bottle or Dipper	10	1 00
" Egg-shaped	10	1 00
Heliotrope—Mixed	1 00	10 00
Hollyhock—Double, Fine Mixed, great variety of colors	65	.....
" Golden Yellow	75	.....
" White	75	.....
" Scarlet	75	.....

FLOWER SEEDS—*Continued.*	Per oz.	Per lb.
Honeysuckle—French—*Hedysarum*—Fine Mixed	$0 15	$1 00
Hyacinth Bean—Mixed	10	40
Iberis—(*See Candytuft*).		
Ipomœa Bona Nox	10	1 00
" " Mixed	15	1 25
Lantana Hybrids—Finest Mixed	20	.....
Larkspur—Tall Branching, Stock Flowered	15	1 00
" Dwarf German Rocket	10	1 00
" Bismarck, Double, robust, stock-flowered	60	.....
Lobelia—Finest Mixed	40	.....
Lupin—Mixed	10	40
" Cruikshanksi	10	.....
Marigold—African Double Mixed	15	1 25
" French	20	2 00
" Tagetes Signata Pumilla	25	2 50
" Prince of Orange—*Calendula*	10	60
" Meteor—*Calendula*	10	75
Marvel of Peru—(*See Four O' Clock*).		
Mignonette—Large Flowering, Sweet	10	40
" Crimson Grandiflora	25	.....
" Parson's New White	40	.....
" Golden Queen, True	25	2 50
Morning Glory—Tall Mixed	10	30
" Giant Japanese	20	.....
Myosotis—(*See Forget-Me-Not*).		
Tall Varieties		
Nasturtium—Spitfire, Bright Scarlet	15	1 25
" Blood Red	20	.....
" Finest Mixed Lobbianum	15	75
" Carmine	15	.....
" Golden Yellow	15	1 25
" Common Varieties, Mixed	10	35
Dwarf Varieties		
" Pearl White	10	60
" Golden King	10	75
" Empress of India	10	75
" Dwarf, Finest Mixed	10	50
Nicotiana Affinis—	20	.....
Pampas Grass—Improved Varieties, Mixed	40	.....
Pansy—Azure Blue	75	.....
" Emperor William, Splendid Dark Blue	75	9 00
" Faust, or King of the Blacks	75	9 00

	Per oz.	Per lb.
Pansy—*Continued.*		
" Mahogany-Colored	$1 00	.....
" Trimardeau, the largest	1 50	.....
" Pure Yellow	85	.....
" Snow Queen, Pure White	75	.....
" French Large Flowering, Mixed	1 00	.....
" Fine Mixed	60	$6 00
Petunia—Pure White Grandiflora	50	.....
" Fine Mixed	40	.....
Phlox—Drummondii Coccinea, Scarlet	65	.....
" Black Warrior	65	.....
" Finest Grandiflora, White	65	.....
" " Mixed	50	.....
Pink—China, Double Mixed	20	2 00
" China White, Double	25	.....
" Double Diadem	60	6 00
" Japan Pink	50	5 00
Poppy—Carnation Flowered	15	60
Portulaca—Grandiflora, Single Mixed	20	.....
Primrose—Œnothera Lamarckiana—Evening Primrose	15	.....
" Acaulis Alba	60	.....
Pyrethrum—Reseum	90	.....
" Aureum—Golden Feather	40	.....
Reseda—(*See Mignonette*).		
Smilax	35	.....
Snapdragon—Tall Mixed	20	1 75
Stock—Dwarf Double German Ten Weeks, Mixed	75	7 50
" " " " Pure White	2 50	.....
Sunflower—Californicus	10	1 00

SWEET PEAS.

OUR LIST IS COMPRISED OF THE 75 BEST VARIETIES

. . . . WHITE . . . .

	Per Lb.
Blanche Burpee—One of the best pure white varieties	$0 25
Emily Henderson—The best white in cultivation	25
Mrs. Sankey—White, with tinge of shell pink	25
Queen of England—One of the best of the pure whites	25

SWEET PEAS—*Continued.*

VERY LIGHT PINK, ALMOST WHITE.

	Per lb.
Lemon Queen—Light pink and straw-blended on white	$0 25
Modesty—White tinted with pink	25
Ramona—Blush and white striped	25
Sensation—Light buff, blush and white	25

LIGHT PINK AND PRIMROSE

Coquette—Mauve and fawn blended on primrose	25
Lottie Hutchins—Primrose striped with pink	25
Stella Morse—Buff, with tint of pink; distinct and beautiful	25

PALE YELLOW or PRIMROSE

Mrs. Eckford—White, shaded with primrose	25
Queen Victoria—Large; primrose yellow	25

SHADES OF PINK

Blushing Beauty—Light pink, with a suggestion of mauve	25
Catherine Tracy—Soft brilliant pink	25
Mrs. Gladstone—Delicate soft pink	25
Prima Donna—Brilliant, yet soft shade of pink	25
Princess Beatrice—Standard pink and buff. Wings rose-pink	25
Royal Robe—Bright rose-pink	25
Venus—A soft salmon-buff self-color	25

ROSE AND PINK

Apple Blossom—Standard pink. Wings white, tinged with pink	25
Blanche Ferry, Extra Early—Large pink and white flowers	25
Crown Jewel—Violet-rose anh primrose	25
Eliza Eckford—Rosy-pink over white ground	25
Emily Lynch—Rose-pink and primrose	25
Isa Eckford—Delicate creamy white and rose-pink	25
Lovely—A delicate shade of pink	25
Royal Rose—Standard rose-pink; wings a lighter shade	25

ORANGE AND PINK

Aurora—Orange salmon-pink over white ground	25
Lady Mary Curry—Crimson orange-pink	25
Lady Penzance—Orange-pink, showing veins of orange-rose	25
Mrs. Joseph Chamberlain—White, striped with carmine	25
Orange Prince—Pink, suffused with orange	25
Oriental—Deep orange-pink	25

LAVENDER AND MAUVE

Butterfly—White, tinted with lilac	25
Captain Clark—White, shaded crimson and lavender	25
Captivation—Magenta, with suggestion of purple	25
Countess of Radnor—Beautiful shade of lavender	25
Dorothy Tennant—Rose-purple, self-colored	25

SWEET PEAS (Lavender and Mauve)—*Continued.* **Per Lb.**

Emily Eckford—Rose-purple, suffused with blue.....$0 25
Gray Friar—Heliotrope, marbled on white..... 25
Juanita—Pure white, striped with lavender..... 25
Lady Nina Balfour—Standard mauve, wings lavender..... 25
Lottie Eckford—Magenta-blue and lavender..... 25
Maid of Honor—White, shaded lilac and lavender..... 25

BRIGHT RED

America—White, splashed and dotted carmine..... 25
Cardinal—Deep, rich carmine-red flowers..... 25
Firefly—An intense crimson-scarlet..... 25
Ignea—Bright red..... 25
Mars—Bright red, self-colored..... 25
Salopian—Flowers grand size, coloring vivid red..... 25
Sunproof—Color intense firey red..... 25

SCARLET AND CRIMSON

Fashion—Rose-magenta, self colored..... 25
Gaiety—Light magenta-rose, striped on white..... 25
Her Majesty—Bright rose-crimson..... 25
Miss Hunt—Standard scarlet-crimson. Wings crimson-pink..... 25
Ovid—Bright rose-crimson..... 25
Prince Edward of York—Scarlet and crimson..... 25
Queen of the Isles—White, striped carmine and scarlet..... 25
Red and White Striped..... 25
Splendor—Coppery-crimson suffused with rose..... 25

BLUE AND PURPLE

Black—Standard deep maroon, wings deep blue..... 25
Boreatton—Dark maroon, self-colored..... 25
Captain of the Blues—Standards, bright purple-blue; wings blue..... 25
Duke of Clarence—Very deep rosy-claret..... 25
Indigo King—Standard deep maroon, wings indigo blue..... 25
Monarch—Dark violet and purple..... 25
Navy Blue—An exceedingly rich deep blue..... 25
Princess of Wales—Purple and blue on white..... 25
Senator—Maroon, violet, and indigo on white..... 25
Shahzada—Standard maroon; wings indigo-blue..... 25
Stanley—A beautiful self-colored flower of deep maroon..... 25
Waverly—Pure purple..... 25
Eckford's Hybrids Mixed—This mixture is made up of Eckford's large flowering sorts..... 20
Choice Mixed—Many of the new varieties are in this mixture. The colors are rightly proportioned to give the most brilliant show possible in the garden..... 20

DWARF SWEET PEAS

Pink Cupid—Plants very dwarf and much more vigorous than White Cupid. The flowers are of the same color as those of Blanche Ferry and somewhat larger..... ¼ lb. 10c ; lb. 40c.

White Cupid—A genuine dwarf; plant only a few inches high; bloom of good form and substance, and pure white. Originated in California. Seeds white..... ¼ lb. 10c; lb. 35c.

Sweet William

	Per oz.	Per lb.
Sweet William—Single Mixed	$0 10	$ 75
" " Double Mixed	25	3 50
Tropœolum—(See Nasturtium)		
Verbena—Splendid Mixed	50	5 00
" Scarlet, Defiance	75	9 00
Violet—Sweet Scented, Blue	75	.....
Wall Flower—Finest Double Mixed	2 00	.....
" " Single Mixed	20	1 50
Zinnia—Double Mixed	20	2 00
" White	25	.....
" Orange	25	.....

PAPER BAGS FOR SEEDSMEN.

I manufacture the Paper Bags that are used in my own business, and have now increased my facilities in this line for the purpose of supplying seedsmen with an article much superior to the ordinary trade bag. They are all hand-made, and the stock is of the very best quality. Prices have been fixed at a very low figure, considering the high class of the goods.

SAMPLES ON APPLICATION.

5.	Cream Linen	2⅛x3¼	in	.....Bade.....	$0 90
6.	" "	2¾x4	"	.....Bail.....	1 00
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18.	" " 1½ "	5½x8¾	"	.....Bevel.....	2 50
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